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# FAX TRANSMISSION

**DATE:** December 10, 2007

**PTO IDENTIFIER:** Application Number 10/573,888-Conf. #9923  
Patent Number

**Inventor:** Hiroyuki Tsuda

**MESSAGE TO:** US Patent and Trademark Office

**FAX NUMBER:** (571) 273-8300

**FROM:** EDWARDS ANGELL PALMER & DODGE LLP

William L. Brooks

**PHONE:** (202) 478-7370

**Attorney Dkt. #:** 80250(302741)

**PAGES (Including Cover Sheet):** 16

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PTO/SB/21 (10-07)

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<b>TRANSMITTAL FORM</b>  <small>(to be used for all correspondence after initial filing)</small>	Application Number	10/573,888-Conf. #9923
	Filing Date	November 13, 2006
	First Named Inventor	Hiroyuki Tsuda
	Art Unit	2883
	Examiner Name	H. Q. Lam
Total Number of Pages in This Submission	Attorney Docket Number	80250(302741)

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm Name	EDWARDS ANGELL PALMER & DODGE LLP	
Signature	<i>William L. Brooks</i>	
Printed name	William L. Brooks	
Date	December 10, 2007	Reg. No. 34,129

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Dated: December 10, 2007	Signature: <i>Rebecca L. Brimmer</i> (Rebecca L. Brimmer)

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<b>AMENDMENT TRANSMITTAL LETTER</b>				Docket No. 80250(302741)	
Application No. 10/573,888-Conf. #9923		Filing Date November 13, 2006		Examiner H. Q. Lam	
				Art Unit 2883	
Applicant(s): Hiroyuki Tsuda					
Invention: OPTICAL FUNCTIONAL WAVEGUIDE, OPTICAL MODULATOR, ARRAYED WAVEGUIDE GRATING, AND DISPERSION COMPENSATION CIRCUIT					
<b>TO THE COMMISSIONER FOR PATENTS</b>					
Transmitted herewith is an amendment in the above-identified application.					
The fee has been calculated and is transmitted as shown below.					
<b>CLAIMS AS AMENDED</b>					
	Claims Remaining After Amendment	Highest Number Previously Paid	Number Extra Claims Present	Rate	
Total Claims	10	- 20 =	0	x 50.00	0.00
Independent Claims	2	- 3 =	0	x 210.00	0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					
Other fee (please specify):					
<b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:</b>					0.00
<input checked="" type="checkbox"/> Large Entity <span style="margin-left: 200px;"><input type="checkbox"/> Small Entity</span>					
<input checked="" type="checkbox"/> No additional fee is required for this amendment.					
<input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of \$ _____. A duplicate copy of this sheet is enclosed.					
<input type="checkbox"/> A check in the amount of \$ _____ to cover the filing fee is enclosed.					
<input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.					
<input checked="" type="checkbox"/> The Director is hereby authorized to charge and credit Deposit Account No. <u>04-1105</u> as described below. A duplicate copy of this sheet is enclosed.					
<input checked="" type="checkbox"/> Credit any overpayment.					
<input checked="" type="checkbox"/> Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17.					
<u>William L. Brooks</u> William L. Brooks Attorney/Agent Reg. No.: 34,129 EDWARDS ANGELL PALMER & DODGE LLP 1875 Eye Street, NW Washington, DC 20006 (202) 478-7370				Dated: <u>December 10, 2007</u>	
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*Rebecca L. Brimmer*  
(Rebecca L. Brimmer)

Docket No.: 80250(302741)  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Hiroyuki Tsuda

Application No.: 10/573,888

Confirmation No.: 9923

Filed: November 13, 2006

Art Unit: 2883

For: OPTICAL FUNCTIONAL WAVEGUIDE,  
OPTICAL MODULATOR, ARRAYED  
WAVEGUIDE GRATING, AND DISPERSION  
COMPENSATION CIRCUIT

Examiner: H. Q. Lam

**AMENDMENT IN RESPONSE TO NON-FINAL OFFICE ACTION**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**INTRODUCTORY COMMENTS**

In response to the Office Action dated September 12, 2007, please amend the above-identified U.S. patent application as follows:

**Amendments to the Specification begin on page 2 of this paper.**

**Amendments to the Claims begin on page 7 of this paper.**

**Amendments to the Abstract begin on page 9 of this paper.**

**Remarks/Arguments begin on page 10 of this paper.**

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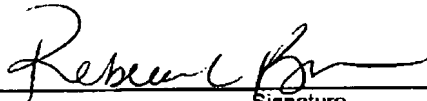
Application No. (if known): 10/573,888

Attorney Docket No.: 80250(302741)

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Transmittal (1 page)

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